

Multi-Platform Approach

Our I-Drive series of LED drivers pack a punch, each form factor is optimized for the most efficient, powerful design.

Our driver designs and cables ensure plug-and-play integration with all major OEMs.

Hazardous Environments (HE)

- Wide temperature range: -30 to 85°C
- High humidity: ≤ 95% non-condensing
- High-altitude: ≤ 55,000 feet
- Conformal coating or encapsulation available upon request
- Shock, vibe, and temperature-tested
- Fully tested prior to each shipment

Unparalleled Technical Support

- Expert Sales & Engineering support
- Go to www.acipower.com to view all our product datasheets & solutions
- View our "Driver ED" video series on our Youtube channel @ACIPOWER

Superior Dimming Performance

- 1,000:1 up to 50,000:1 dimming ratio
- Standard logarithmic response curve
- Low-end (< 1 Nit) dimming
- Video card & OSD compatibility
- Customizable dimming curves

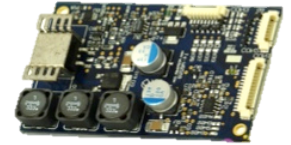
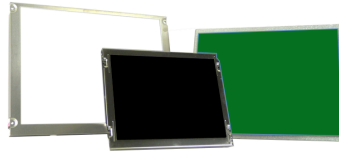
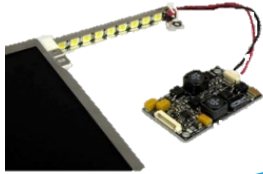
Micro-Controller Topology

Designed into every platform to allow for painless customization to your specs:

- Low NRE's for custom designs
- Adjustable dimming curves
- Adaptable connectivity
- Custom form-factors available
- PWM and analog compatibility

Flexible & Easy to Work With

- Distributor-friendly business model
- Open to collaboration with VARs to provide turn-key display solutions
- Low MOQs & quick lead times
- Made in the U.S.A.



5.7" – 26" Display Designs

All available designs listed by size, OEM, performance, and factory specs on our website or in our latest display roadmap.

- Low NRE's for new display designs
- Manufactured in the U.S.A.
- Ask about turn-key display solutions

Designed for Optimum Efficiency

LED Rails maximize the number of LEDs to minimize current and extend MTBF

- Fully populated, custom rail designs
- Utilize most efficient LEDs
- LED rail MTBF of 75,000+ hours
- Emphasis on proper thermal mgmt.
- Active & passive enhancements create the most economical design possible

"True" NVIS Capable Designs

- NVIS LEDs integrated into LED backlight design, no need for NVIS films or filters
- Fully visible displays while using Night-Vision Imaging Systems (NVIS)
- Designed to MIL-STD 3009 specifications

Variety of Modification Options

- ACI-supplied display with modification
- Customer-consigned display with ACI performing the display modification
- LED Rail and Driver Kits for customers performing their own modification
- Integration videos upon request

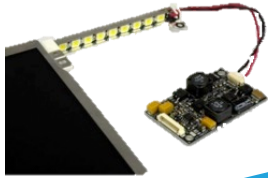
Powered by I-Drive Technology

Custom LED driver tuned to the specific requirements of your application

- Dual-mode LED driver (Day + NVIS)
- Micro-controller based topology
- Custom form factor & mounting holes available upon request
- Efficient & reliable driver designed for harsh environment (HE) performance

Superior Dimming Performance

- 1,000:1 up to 50,000:1 dimming ratio
- Standard logarithmic (smooth) curve
- Low-end (< 1 Nit) dimming
- DV & OSD integration
- Customizable dimming



Recognized CCFL Experts

- Extensive line of plug-and-play CCFL inverters for nearly all OEM displays
- Used in Military, Medical, Oil & Gas, Aviation, Marine, & Industrial displays
- Experience designing high-voltage, moderate power inverter applications

Hazardous Environments (HE)

- Wide temperature range: -30 to 85°C
- High humidity: $\leq 95\%$ non-condensing
- High-altitude: $\leq 55,000$ feet
- Conformal coating or encapsulation available upon request
- Shock, vibe, and temperature-tested
- Fully-tested prior to each shipment

Superior Dimming Performance

- 1,000:1 up to 50,000:1 dimming ratio
- Standard logarithmic response curve
- Low-end (< 1 Nit) dimming
- Video card & OSD compatibility
- Customizable dimming curves

Inverter Repair & LED Upgrades

- Repair units in stock with low MOQs to extend your display life
- LED retro-fit upgrades available to improve your display performance
- OEM of the AC-1386D inverters used to power GE health monitors

Easily Customized Designs

On-board Micro designed into every inverter providing simple customization
Low NRE's for custom designs

- Adjustable dimming curves
- Adaptable connectivity
- Custom form-factors available
- In-house transformer manufacturing

Unparalleled Technical Support

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- Expert Sales & Engineering team available for support and troubleshooting